

APPLICATION FOR FINANCIAL ASSISTANCE  
Revised 4/99

IMPORTANT: Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

CB 23F

SUBDIVISION: City of Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9/5/01

CONTACT: Brian Pickering, PE PHONE # (513) 591-6856

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7826 E-MAIL brian.pickering@cincww.rcc.org

PROJECT NAME: Sutton/Glade/Mears Water Main Replacement - Salem to Mt. Washington Tank

SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County  
☒ 2. City  
☐ 3. Township  
☐ 4. Village  
☐ 5. Water/Sanitary District  
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$ \_\_\_\_\_  
☒ 2. Loan \$ 1,000,000  
☐ 3. Loan Assistance \$ \_\_\_\_\_

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road  
☐ 2. Bridge/Culvert  
☒ 3. Water Supply  
☐ 4. Wastewater  
☐ 5. Solid Waste  
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 1,360,000

FUNDING REQUESTED: \$ 1,000,000

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ \_\_\_\_\_ LOAN ASSISTANCE: \$ \_\_\_\_\_

SCIP LOAN: \$ 1,000,000 RATE: 0 % TERM: 20 yrs.

RLP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.

(Check Only 1)

- ☒ X State Capital Improvement Program  
☐ Local Transportation Improvements Program  
☐ Small Government Program

FOR OPWC USE ONLY

PROJECT NUMBER: C \_\_\_\_\_ /C \_\_\_\_\_

Local Participation \_\_\_\_\_ %

OPWC Participation \_\_\_\_\_ %

Project Release Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

OPWC Approval: \_\_\_\_\_

APPROVED FUNDING: \$ \_\_\_\_\_

Loan Interest Rate: \_\_\_\_\_ %

Loan Term: \_\_\_\_\_ years

Maturity Date: \_\_\_\_\_

Date Approved: \_\_\_\_/\_\_\_\_/\_\_\_\_

SCIP Loan \_\_\_\_\_ RLP Loan \_\_\_\_\_

HAMILTON COUNTY ENGINEER  
ROAD RECORDS DEPT

**1.0 PROJECT FINANCIAL INFORMATION**

**1.1 PROJECT ESTIMATED COSTS:**  
(Round to Nearest Dollar)

**TOTAL DOLLARS**

**FORCE ACCOUNT  
DOLLARS**

**a.) Basic Engineering Services:**

\$\_\_\_\_\_00

Preliminary Design \$\_\_\_\_\_00

Final Design \$\_\_\_\_\_00

Bidding \$\_\_\_\_\_00

Construction Phase \$\_\_\_\_\_00

Additional Engineering Services

\$\_\_\_\_\_00

\*Identify services and costs below.

**b.) Acquisition Expenses:**

Land and/or Right-of-Way

\$\_\_\_\_\_00

**c.) Construction Costs:**

\$\_\_\_\_\_1,236,575.00

**d.) Equipment Purchased Directly:**

\$\_\_\_\_\_00

**e.) Permits, Advertising, Legal:**

(Or Interest Costs for Loan Assistance  
Applications Only)

\$\_\_\_\_\_00

**f.) Construction Contingencies:**

\$\_\_\_\_\_123,425.00

**g.) TOTAL ESTIMATED COSTS:**

\$\_\_\_\_\_1,360,000.00

\*List Additional Engineering Services here:  
Service:

Cost:

**1.2 PROJECT FINANCIAL RESOURCES:**  
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ _____ .00	
b.) Local Revenues	\$ <u>360,000.00</u>	26%
c.) Other Public Revenues	\$ _____ .00	
ODOT	\$ _____ .00	
Rural Development	\$ _____ .00	
OEPA	\$ _____ .00	
OWDA	\$ _____ .00	
CDBG	\$ _____ .00	
OTHER _____	\$ _____ .00	
SUBTOTAL LOCAL RESOURCES:	\$ <u>360,000.00</u>	26%
d.) OPWC Funds		
1. Grant	\$ _____ .00	
2. Loan	\$ <u>1,000,000.00</u>	<u>74%</u>
3. Loan Assistance	\$ _____	
SUBTOTAL OPWC RESOURCES:	\$ <u>1,000,000.00</u>	<u>74%</u>
e.) TOTAL FINANCIAL RESOURCES:	\$ <u>1,360,000.00</u>	<u>100%</u>

**1.3 AVAILABILITY OF LOCAL FUNDS:**

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# \_\_\_\_\_ Sale Date: \_\_\_\_\_  
 STATUS: (Check one)  
     Traditional  
     Local Planning Agency (LPA)  
     State Infrastructure Bank

## 2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Sutton/Glade/Mears Water Main Replacement – Salem to Mt. Washington Tank

### 2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

#### A: SPECIFIC LOCATION:

This project is located on Sutton, Glade and Mears Avenue from Salem Rd. to the Mt. Washington Water Tank in Mt. Washington. See Attached location map for location.

PROJECT ZIP CODE: 45230

#### B: PROJECT COMPONENTS:

This project involves replacing and installing a new 24" water transmission main, valves, chambers and performing all other related restoration work in the right of way.

#### C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

This project involves installing/replacing approximately 6650' of 24" water transmission main depending on the alignment of the proposed main. The existing 24" water main is located in Sutton/Glade/Mears. Alternative alignments on Mears and Sutton are currently being considered.

#### D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

This project is designed to meet the future demand.

Road or Bridge: Current ADT \_\_\_\_\_ Year: \_\_\_\_\_ Projected ADT: \_\_\_\_\_ Year: \_\_\_\_\_

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$\_\_\_\_\_\* Proposed Rate: \$\_\_\_\_\_\*

\*See attached rate schedule

Stormwater: Number of households served: \_\_\_\_\_

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

### 3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 1,360,000.00

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ .00

### 4.0 PROJECT SCHEDULE: \*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>11/01 /01</u>	<u>2/01/03</u>
4.2 Bid Advertisement and Award:	<u>3/01 /03</u>	<u>5/01/03</u>
4.3 Construction:	<u>6 /01 /03</u>	<u>6 /01 /04</u>
4.4 Right-of-Way/Land Acquisition:	<u>NA / /</u>	<u>NA / /</u>

\* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

### 5.0 APPLICANT INFORMATION:

5.1	CHIEF EXECUTIVE OFFICER	<u>John F. Shirey</u>
	TITLE	<u>City Manager</u>
	STREET	<u>Room 152, City Hall</u>
		<u>801 Plum Street</u>
	CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
	PHONE	<u>( 513 ) 352 - 3241</u>
	FAX	<u>( 513 ) 352- 6284</u>
	E-MAIL	<u>john.shirey@rcc.org</u>
5.2	CHIEF FINANCIAL OFFICER	<u>Timothy H. Riordan</u>
	TITLE	<u>Finance Director</u>
	STREET	<u>Room 250, City Hall</u>
		<u>801 Plum Street</u>
	CITY/ZIP	<u>Cincinnati, Ohio 45202</u>
	PHONE	<u>( 513 ) 352 - 3731</u>
	FAX	<u>( 513 ) 352 - 2370</u>
	E-MAIL	<u>tim.riordan@rcc.org</u>
5.3	PROJECT MANAGER	<u>Joseph Zistler</u>
	TITLE	<u>Principal Engineer</u>
	STREET	<u>4747 Spring Grove Avenue</u>
	CITY/ZIP	<u>Cincinnati, Ohio 45232</u>
	PHONE	<u>( 513 ) 591- 7852</u>
	FAX	<u>( 513 ) 591 - 7967</u>
	E-MAIL	<u>joe.zistler@cincwww.rcc.org</u>

Changes in Project Officials must be submitted in writing from the CEO.

## 6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

- [ ] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- ☒ A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- ☒ A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.
- NA A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- NA Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [ ] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- ☒ Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.


## 7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

RICHARD MENDES    DEPUTY CITY MANAGER

Certifying Representative (Type or Print Name and Title)

 9/19/01  
Signature/Date Signed

# Sutton/Glade/Mears Water Main Replacement - Salem to Mt. Washington Tank

Cincinnati Water Works

9/14/2001

## Engineers Estimate

No.	Item	Quant.	Unit	Description	Unit Cost	Total Cost
1	1101	6650	Lin. Ft.	Furnishing and Laying 24" Pre-Stressed Concrete Pipe	\$175.00	\$1,163,750.00
2	1101	20	Lin. Ft.	Furnishing and Laying 8" Ductile Iron Pipe and Fittings	\$200.00	\$4,000.00
3	1101	20	Lin. Ft.	Furnishing and Laying 12" Ductile Iron Pipe and Fittings	\$200.00	\$4,000.00
4	1101	20	Lin. Ft.	Furnishing and Laying 16" Ductile Iron Pipe and Fittings	\$350.00	\$7,000.00
5	1102	3	Ton	Hauling Water Works Material	\$55.00	\$165.00
6	1110	10	Cu. Yd.	Concrete, Class "C"	\$140.00	\$1,400.00
7	1111	3	Each	2" Air Cock Chamber on 24" Water Main (Precast)	\$2,100.00	\$6,300.00
8	1116	18	Each	Furnishing and Installing Valve Box Complete	\$250.00	\$4,500.00
9	1119	100	Cu. Yd.	Additional Excavation	\$60.00	\$6,000.00
10	1120	100	Cu. Yd.	Exploratory Excavation	\$75.00	\$7,500.00
11	1121	5	Cu. Yd.	Filling Abandoned Water Works Structures	\$75.00	\$375.00
12	1122	3	Each	Removing Existing Manhole Curb and Cover	\$225.00	\$675.00
13	1123	100	Lin. Ft.	Changing 8" and Under Pipe Sewer	\$75.00	\$7,500.00
14	1123	100	Lin. Ft.	Changing 10" Thru 24" Pipe Sewer	\$85.00	\$8,500.00
15	509	1000	Lbs.	Reinforcing Steel	\$1.00	\$1,000.00
16	626	1	MFBM	Sheeting and Bracing Ordered Left in Place	\$300.00	\$300.00
17	619	1	Each	Temporary Facilities	\$5,000.00	\$5,000.00
18	602	1	Cu. Yd.	Brick Masonry	\$210.00	\$210.00
19	1111	4	Each	12" Manhead Chamber On 24" W.m., (pre-cast)	\$2,100.00	\$8,400.00

Construction = \$1,236,575.00  
Contingencies = \$123,425.00  
Total Construction Cost = \$1,360,000.00



A handwritten signature in cursive script, appearing to read "Brian H. Pickering", written over the bottom right portion of the professional seal.

# City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232

David E. Rager  
*Director of Water Works*

Paul E. Tomes  
*Water Works Chief Engineer*

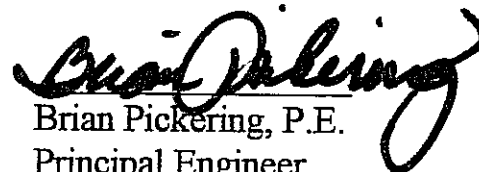
September 12, 2001

Subject: Sutton/Glade/Mears Water Main Replacement – Salem to Mt. Washington Tank  
Certification of Useful Life

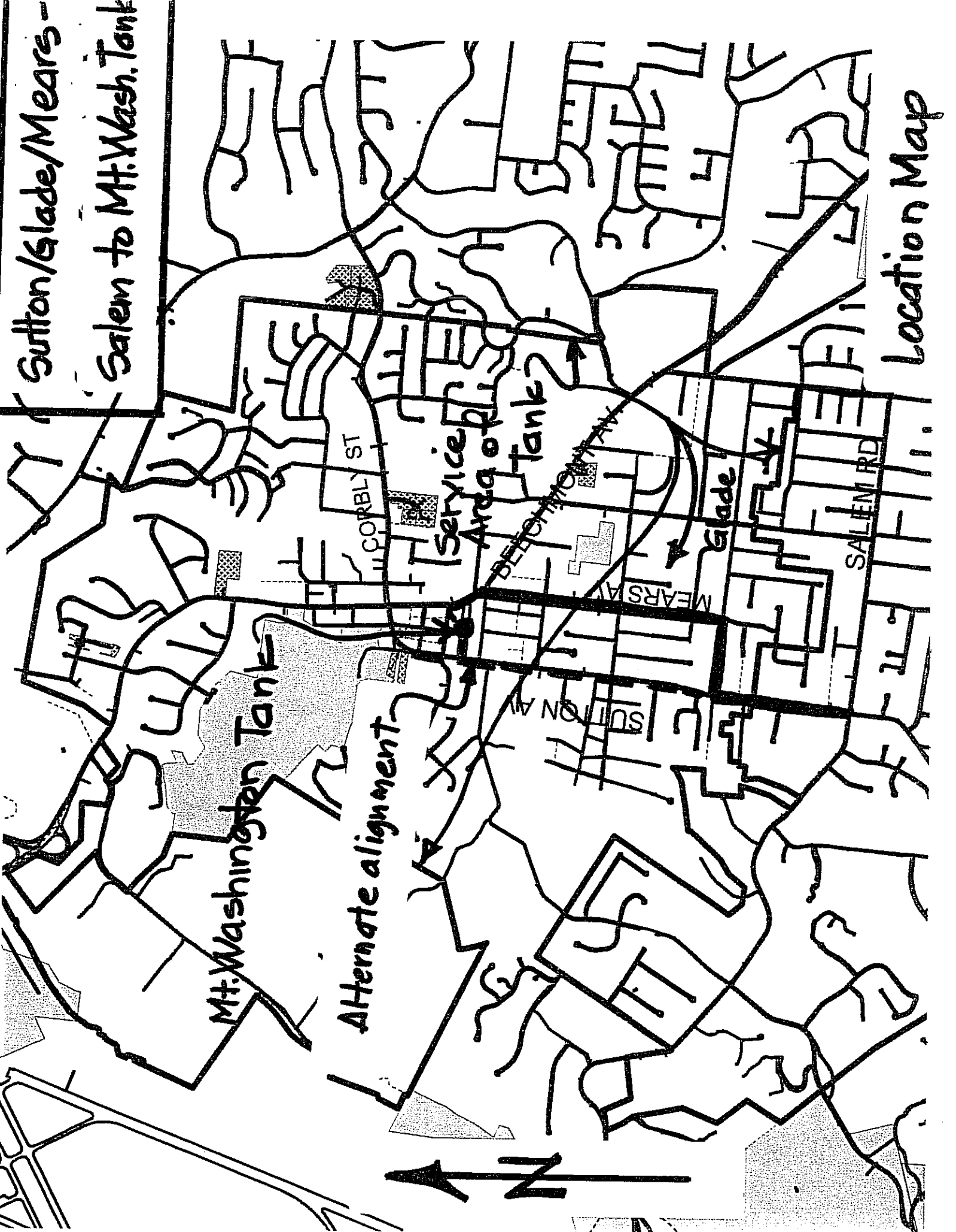
As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject water main project is at least seventy five (75) years.



(Seal)

  
Brian Pickering, P.E.  
Principal Engineer  
City of Cincinnati





Sutton/Glade/Mears -  
Salem to Mt. Wash. Tank

Mt. Washington Tank

Alternate alignment

CORBY ST

Service Area of Tanks

SUTTON AV

MEARS AV

GLADE

SALEM RD

Location Map



**OHIO PUBLIC WORKS COMMISSION  
LOAN SUPPLEMENT**

**This supplement is required for all loan applicants.**

Attach the following to the "Ohio Public Works Commission Application for Assistance"

- ☒ Copy of Legislation authorizing current rates.  
☒ A statement from applicant's Chief Fiscal Officer certifying method of repayment.  
☒ A copy of previous year Financial Statement.

Complete the following: *See Annual Report*

NUMBER OF CUSTOMERS	Water	Sewer
Residential	222,380	
Commerical	2,403	
Industrial	0	
Other (Wholesale/Master Meter)	43	

SYSTEM EXPENDITURES	Water	Sewer
Operation Expenses	\$56,660,000	
Debt Service Payments	19,232,000	
Surplus (Net Income)	18,946,000	
General Fund Transfer	1,818,900	
Other (Depreciation/Bad Debt)	12,514,000	

RATES	Water	Sewer
Current	See Attached copy of Ordinance	
Last Increase (year and amount)	January, 1998	
Planned Increase	January, 2002	

**RATINGS**

Moody's	S&P	General Obligation	Revenues
Aa2/Aa1**	AA+/AA+**	Aa1/AA+**	Aa2/AA+**

**DEBT OUTSTANDING**

(do not include new OPWC loan)

	Total Debt	Annual Payment	Last Payment Date
Other OPWC loans	Not applicable		
Revenue Bonds	**See Note Below		
GO Bonds (As of 12/31/00)	\$96,500,000	See Attached Schedule	December 1, 2014
Other	Not applicable		

**\*\*Note:** On February 27 and 28, 2001 the Cincinnati Water Works (City of Cincinnati) issued revenue bonds totaling \$92,685,000 to finance a portion of the current capital improvement program. This was a first time issue. Previously, Cincinnati Water Works financed a portion of the capital program utilizing proceeds from the sale of General Obligation Bonds of the City. Initial ratings from Moody's and S&P, for the revenue bond sale, were Aa2 and AA+, respectfully. The City of Cincinnati's rating for the GO debt is AA1 and AA+. A copy of the total debt service requirements, including the February revenue bond sale, has been attached. All debt is self-supporting and serviced by water user charges.

# City of Cincinnati



Department of Finance

Suite 250, City Hall  
801 Plum street  
Cincinnati, Ohio 45202  
Phone (513) 352-3731  
Fax (513) 352-2370

September 18, 2001

Mr. Lawrence Bicking, Director  
Ohio Public Works Commission  
65 East State Street, Suite 312  
Columbus, Ohio 43215

Timothy H. Riordan  
*Director*

William E. Moller  
*Assistant Director*

RE: Repayment Method for City of Cincinnati Water Works Round 16/2002 RLP Loan Projects

Dear Mr. Bicking:

I am sending this letter to you for the purpose of certifying that the City of Cincinnati Water Works will have funding in the amount of \$1,500,000 in future budgets. The Cincinnati Water Works annually projects repayment of debt through the budget process. All debt is self-supporting and serviced by water user charges. Matching funds for all projects will be from cash reserves and/or proceeds from the sale of revenue bonds.

Sincerely,

Timothy H. Riordan  
Director of Finance

cc: John Deatruck, T&E  
Bill Moller, Finance  
Dick Cline, Engineering  
W. Knecht, CWW Business Services  
P. Tomes, CWW Engineering

## CONDITION RATING FOR WATER MAINS

The condition ratings utilized by the Hamilton County Integrating Committee are not consistent with the rating system utilized by the Cincinnati Water Works (CWW). Using the "ADDENDUM TO THE RATING SYSTEM", the closest definition for a water main being replaced is the **CRITICAL CONDITION**. Typically the CWW classifies most replacement water mains as being in **Marginal Condition**.

The CWW does not usually televise all water mains before they are replaced. The CWW maintains maintenance files that aid in prioritizing future water main replacement projects.

As indicated in the funding applications, water mains are replaced for numerous reasons. The **Countywide Water Main Improvements** project includes main that are being replaced for numerous reasons including documented maintenance history problems, age greater than 40 years, street improvements with to roadway grade/alignment changes, conflicts with other utilities, upgrade leaded joint piping for 6" and 8" mains, mains with flow restrictions, rusty water, and expanding the system into areas that have not been served or due to new development.

# ADDITIONAL SUPPORT INFORMATION

For Program Year 2002 (July 1, 2002 through June 30, 2003), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

## 1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application. Examples of deficiencies include: structural condition; substandard design elements such as widths, grades, curves, sight distances, drainage structures, etc.

The water main being replaced is in marginal condition. See the attached discussion on water main condition. The existing 24" transmission main is nearly 56 years old. This main has a long maintenance history with 63 documented leaks, primarily at the joints in the pipe. The alignment of the main is poor with respect to other utilities making repair/rehabilitation difficult and not feasible.

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## 2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

The project will improve the safety of the area by providing more reliable flow in the entire Mt. Washington area and minimize street blocking due to maintenance activities

## 3) How important is the project to the health of the Public and the citizens of the District and/or service area?

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

This project is important to the health of Cincinnati Water Works (CWW) consumers because water quality is improved for consumption and the flow rate is improved (due to less pipe friction) resulting in energy costs savings

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4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The jurisdiction must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Countywide Water Main Improvements

Priority 2 Sutton/Glade/Mears Water Main Replacement

Priority 3 Robb Avenue Water Main Replacement

Priority 4 \_\_\_\_\_

Priority 5 \_\_\_\_\_

5) Will the completed project generate user fees or assessments?

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.).

No \_\_\_\_\_ Yes X If yes, what user fees and/or assessments will be utilized?

The water rates are indicated on the attached City Council Ordinance. The rates will not change as a result of this project

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

This project will have a stabilizing affect on the economic growth of the CWW service area by providing plentiful, high quality water. CWW has the ability to provide additional capacity if additional development occurs within the Mt. Washington area

7) Matching Funds - **LOCAL**

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - **OTHER**

The information regarding local matching funds is to be filed by the applicant in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by August 10 th of this year for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

The project will be funded with CWW cash reserves

- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious traffic problems or hazards (be specific).

This project will meet all future capacity needs. The project is located in Mt. Washington, which is not expected to experience significant growth.

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS \_\_\_\_\_

Proposed LOS \_\_\_\_\_

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

Not applicable (NA)

- 10) If SCIP/LTIP funds were granted, when would the construction contract be awarded? **NA**

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months 5

- a.) Are preliminary plans or engineering completed? Yes \_\_\_\_\_ No X N/A \_\_\_\_\_
- b.) Are detailed construction plans completed? Yes \_\_\_\_\_ No X N/A \_\_\_\_\_
- c.) Are all utility coordination's completed? Yes \_\_\_\_\_ No X N/A \_\_\_\_\_
- d.) Are all right-of-way and easements acquired (if applicable)? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A X

If no, how many parcels needed for project? \_\_\_\_\_ Of these, how many are: Takes \_\_\_\_\_

Temporary \_\_\_\_\_

Permanent \_\_\_\_\_

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

- e.) Give an estimate of time needed to complete any item above not yet completed. \_\_\_\_\_ Months.



**11) Does the infrastructure have regional impact?**

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project represents a vital water main that provides all of the water to the Mt. Washington  
Water tank, which serves all of the Mt. Washington area

**12) What is the overall economic health of the jurisdiction?**

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

**13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?**

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

NA

Will the ban be removed after the project is completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

**14) What is the total number of existing daily users that will benefit as a result of the proposed project?**

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT \_\_\_\_\_ X 1.20 = \_\_\_\_\_ Users

Water/Sewer: Homes 16,000\* X 4.00 = 35,000 Users

\* Records indicate that there are less than 4 people per household

**15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?**

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax X

Infrastructure Levy X Specify type Infrastructure Tax (a portion of the earnings tax)

Facility Users Fee X Specify type Service charge for water supply

Dedicated Tax \_\_\_\_\_ Specify type \_\_\_\_\_

Other Fee, Levy or Tax \_\_\_\_\_ Specify type \_\_\_\_\_

IF YOU ARE APPLYING FOR A GRANT WILL YOU BE WILLING TO ACCEPT A  
LOAN IF ASKED BY THE DISTRICT? YES NO (ANSWER REQUIRED)

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score

**AN ORDINANCE NO. 428-2000**

MODIFYING the provisions of Chapter 401, Water Works, by deleting references to "number of family units" and adjusting the Service Charges, Water Commodity Charges and Direct Fire Protection Charges Provisions by repealing and reordaining Sections 401-76, 401-77, and 401-89 of the Cincinnati Municipal Code.

WHEREAS, due to a number of factors including population shifts and increasing uncertainty in being able to economically and accurately verify data related to the size, makeup and number of family units within multiple unit housing, the City administration has recommended to Council the elimination of references to "number of family units" from the calculation of a customer's water Service Charge; and

WHEREAS, the City administration has further recommended adjustment of the Service Charges, Water Commodity Charges and Direct Fire Protection Charges to offset reduction in revenue derived from the Service Charge attributable to elimination of references to the "number of family units" in the rate calculation; and

WHEREAS, the recommended adjustment is revenue neutral and will not result in any increased revenues for the Cincinnati Water Works; now, therefore,

BE IT ORDAINED by Council of the City of Cincinnati, State of Ohio:

Section 1. That new Sections 401-76, 401-77, and 401-89 of Chapter 401 of the Cincinnati Municipal Code are hereby reordained as follows:

**Section 401-76. Service Charges.**

Each water supply service shall be subject to a Service Charge. The Service Charge shall be based on the size of the water meter.

This section shall apply to each water meter used, but shall not apply to water supply service subject to Section 401-81 or Section 401-82.

For the availability of water service, the Service Charge rates shall be as follows:

Meter Size (Inches)	Inside Cincinnati		Incorporated Hamilton and Clermont Counties		Unincorporated Hamilton County		Butler & Warren Counties	
	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly
5/8	\$4.75	\$5.50	\$5.99	\$6.93	\$6.32	\$7.32	\$6.88	\$7.97
3/4	5.76	8.59	7.26	10.82	7.66	11.42	8.35	12.45
1	7.04	11.21	8.87	14.12	9.36	14.91	10.20	16.24
1-1/2	9.50	17.61	11.97	22.19	12.64	23.42	13.77	25.52
2	12.81	25.08	16.14	31.60	17.04	33.36	18.56	36.34
3	24.01	54.00	30.25	68.04	31.93	71.82	34.79	78.25
4	43.65	93.60	55.00	117.94	58.05	124.49	63.25	135.63
6	82.93	183.04	104.49	230.63	110.30	243.44	120.17	265.23
8	122.31	272.58	154.11	343.45	162.67	362.53	177.23	394.97
10	171.08	371.84	215.56	468.52	227.54	94.55	247.89	538.80
12	209.83	440.68	264.39	555.26	279.07	586.10	304.04	638.55

**Sec. 401-77. Water Commodity Charges**

For water used, the Water Commodity Charge rates per hundred cubic feet (Ccf) used shall be as follows:

Per Month	Per Quarter	Inside Cincinnati	Incorporated Hamilton & Clermont Counties	Unincorporated Hamilton County	Butler & Warren Counties
First 20 Ccf	First 60 Ccf	\$1.28	\$1.61	\$1.70	\$1.85
Next 580 Ccf	Next 1740 Ccf	1.05	1.32	1.40	1.52
Over 600 Ccf	Over 1800 Ccf	0.93	1.17	1.24	1.35

**Section 401-89. Direct Fire Protection Charges**

Each water supply service within the City of Cincinnati shall be subject to a Fire Hydrant Repair and Replacement Charge. The charge shall be based on the size of the water meter.

For Fire Hydrant Repair and Replacement Charge, the rates shall be as follows:

Meter Size (Inches)	Monthly	Quarterly
5/8	\$0.65	\$1.95
3/4	0.98	2.94
1	1.43	4.30
1-1/2	2.74	8.22
2	4.04	12.13
3	9.79	29.36
4	16.31	48.93
6	32.63	97.87
8	48.93	146.80
10	65.24	195.73
12	75.03	225.09

Section 2. That existing Sections 401-76, 401-77, and 401-89 of the Cincinnati Municipal Code are hereby repealed.

Section 3. The rates established by this ordinance shall apply to billed charges calculated after January 1, 2001.

Section 4. All other sections of Chapter 401 remain in full force and effect.

Section 5. This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, welfare and safety, and it shall go into immediate effect, or on January 1, 2001, whichever date is later. The reason for this emergency is the need to implement the changes on or as soon after January 1, 2001 to accommodate regular billing processes and cycles, and eliminate uncertainties and inefficiencies in water charges and the calculation thereof.

Passed: December 13, 2000

Charlie Luken, Mayor

Attest: Sandy L. Sherman, Clerk

SCIP/LTIP PROGRAM  
ROUND 16 - PROGRAM YEAR 2002  
PROJECT SELECTION CRITERIA  
JULY 1, 2002 TO JUNE 30, 2003

NAME OF APPLICANT: Cincinnati

NAME OF PROJECT: Sutton/Ashdale main water main Replacement

RATING TEAM: 5

NOTE: See the attached "Addendum To The Rating System" for definitions, explanations and clarifications to each of the criterion points of this rating system.

**CIRCLE THE APPROPRIATE RATING**

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

- 25 - Failed
- 23 - Critical
- ☒ 20 - Very Poor
- 17 - Poor
- 15 - Moderately Poor
- 10 - Moderately Fair
- 5 - Fair Condition
- 0 - Good or Better

DOCUMENTED AGE AND  
LEAK AT JOINT ONLY

Appeal Score

NUMEROUS UTILITY CUTS ON  
MEANS VERIFIED

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- ☒ 10 - Minimal importance
- 0 - No measurable impact

NO DOCUMENTATION  
TO SHOW DEFICIENT  
FLOW RATES

Appeal Score

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- ☒ 0 - No measurable impact

INFORMATION ON  
APPEAL NOT IN APP.  
HASN'T DEMONSTRATED THAT  
"POTENTIAL" PROBLEM IS SIGNIFICANT  
ENOUGH TO EXCEED MINIMAL IMPACTABLE THRESHOLD

Appeal Score

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

Note: Jurisdiction's priority listing (part of the Additional Support Information) must be filed with application(s).

- 25 - First priority project
- ☒ 20 - Second priority project
- 15 - Third priority project
- 10 - Fourth priority project
- 5 - Fifth priority project or lower

Appeal Score

5) Will the completed project generate user fees or assessments?

- 10 - No
- ☒ 0 - Yes

Appeal Score

- 6) Economic Growth – How the completed project will enhance economic growth (See definitions).

10 – The project will directly secure significant new employment

7 – The project will directly secure new employment

5 – The project will secure new employment

3 – The project will permit more development

0 – The project will not impact development

Appeal Score

\_\_\_\_\_
- 7) Matching Funds - LOCAL

10 – This project is a loan or credit enhancement

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

0 – Less than 10%
- 8) Matching Funds - OTHER

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

1 – 1% to 9.99%

0 – Less than 1%
- 9) Will the project alleviate serious traffic problems or hazards or respond to the future level of service needs of the district?  
(See Addendum for definitions)

10 - Project design is for future demand.

8 - Project design is for partial future demand.

6 - Project design is for current demand.

4 - Project design is for minimal increase in capacity.

2 - Project design is for no increase in capacity.

REPLACE 24" w/  
24" (NO INCREASE)

Appeal Score

\_\_\_\_\_

10) Ability to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded? (See Addendum concerning delinquent projects)

5 - Will be under contract by December 31, 2002 and no delinquent projects in Rounds 13 & 14

3 - Will be under contract by March 31, 2003 and/or one delinquent project in Rounds 13 & 14

0 - Will not be under contract by March 31, 2003 and/or more than one delinquent project in Rounds 13 & 14

11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc. (See Addendum for definitions)

10 - Major impact

8 - Moderate impact

4 - Minimal or no impact

Appeal Score

\_\_\_\_\_

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

Appeal Score

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

\_\_\_\_\_

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

0 - Less than 20% reduction in legal load

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more

Appeal Score

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

\_\_\_\_\_

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above

Appeal Score

3 - One of the above

0 - None of the above

\_\_\_\_\_

## **General Statement for Rating Criteria**

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applicant, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

## **Criterion 1 - Condition**

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, health and/or safety issues. Condition is rated only on the facility being repaired or abandoned. (Documentation may include: ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.)

### **Definitions:**

**Failed Condition** - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non functioning and replacement parts are unavailable.)

**Critical Condition** - requires moderate or partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

**Very Poor Condition** - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

**Poor Condition** - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

**Moderately Poor Condition** - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

**Moderately Fair Condition** - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

**Fair Condition** - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

**Good or Better Condition** - little to no maintenance required to maintain integrity.

**Note:** If the infrastructure is in "good" or better condition, it will **NOT** be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

## **Criterion 2 – Safety**

The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (e.g. widening existing roadway lanes to standard widths, adding lanes to a roadway or bridge to increase capacity or alleviate congestion, replacing non-functioning hydrants, increasing capacity to a water system, etc. Documentation is required.)

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

## **Criterion 3 – Health**

The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area (e.g. Improving or adding storm drainage or sanitary facilities, replacing lead jointed water lines, etc.)

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

## **Criterion 4 – Jurisdiction's Priority Listing**

The jurisdiction **must** submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.

**Criterion 5 – Generate Fees**

Will the local jurisdiction assess fees or project costs for the usage of the facility or its products once the project is completed (example: rates for water or sewer, frontage assessments, etc.). The applying jurisdiction must submit documentation.

**Criterion 6 – Economic Growth**

Will the completed project enhance economic growth and/or development in the service area?

**Definitions:**

- Directly secure significant new employment:*** The project is specifically designed to secure a particular development/employer(s), which will add at least 100 or more new employees. The applicant agency must supply specific details of the development, the employer(s), and number of new permanent employees.
- Directly secure new employment:*** The project is specifically designed to secure development/employers, which will add at least 50 new permanent employees. The applying agency must supply details of the development and the type and number of new permanent employees.
- Secure new employment:*** The project is specifically designed to secure development/employers, which will add 10 or more new permanent employees. The applying agency must submit details.
- Permit more development:*** The project is designed to permit additional business development. The applicant must supply details.
- The project will not impact development:*** The project will have no impact on business development.

***Note:*** Each project is looked at on an individual basis to determine if any aspects of this category apply.

**Criterion 7 – Matching Funds - Local**

The percentage of matching funds which come directly from the budget of the applying local government.

**Criterion 8 – Matching Funds - Other**

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7.

**Criterion 9 – Alleviate Traffic Problems**

The jurisdiction shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion or hazards will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

**Formula:**

Existing users x design year factor = projected users

<u>Design Year</u>	<u>Design year factor</u>		
	<u>Urban</u>	<u>Suburban</u>	<u>Rural</u>
20	1.40	1.70	1.60
10	1.20	1.35	1.30

**Definitions:**

- Future demand*** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.
- Partial future demand*** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.
- Current demand*** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.
- Minimal increase*** – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.
- No increase*** – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

**Criterion 10 - Ability to Proceed**

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently canceling the same after the bid date on the application may be considered as having a delinquent project.

### **Criterion 11 - Regional Impact**

The regional significance of the infrastructure that is being repaired or replaced.

#### **Definitions:**

***Major Impact*** - Roads: major multi-jurisdictional route, primary feed route to an Interstate, Federal Aid Primary routes.

***Moderate Impact*** - Roads: principal thoroughfares, Federal Aid Urban routes

***Minimal / No Impact*** - Roads: cul-de-sacs, subdivision streets

### **Criterion 12 – Economic Health**

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

### **Criterion 13 - Ban**

The jurisdiction shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

### **Criterion 14 - Users**

The applying jurisdiction shall provide documentation. A registered professional engineer or the applying jurisdictions' C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

### **Criterion 15 – Fees, Levies, Etc.**

The applying jurisdiction shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the **type** of infrastructure being applied for.